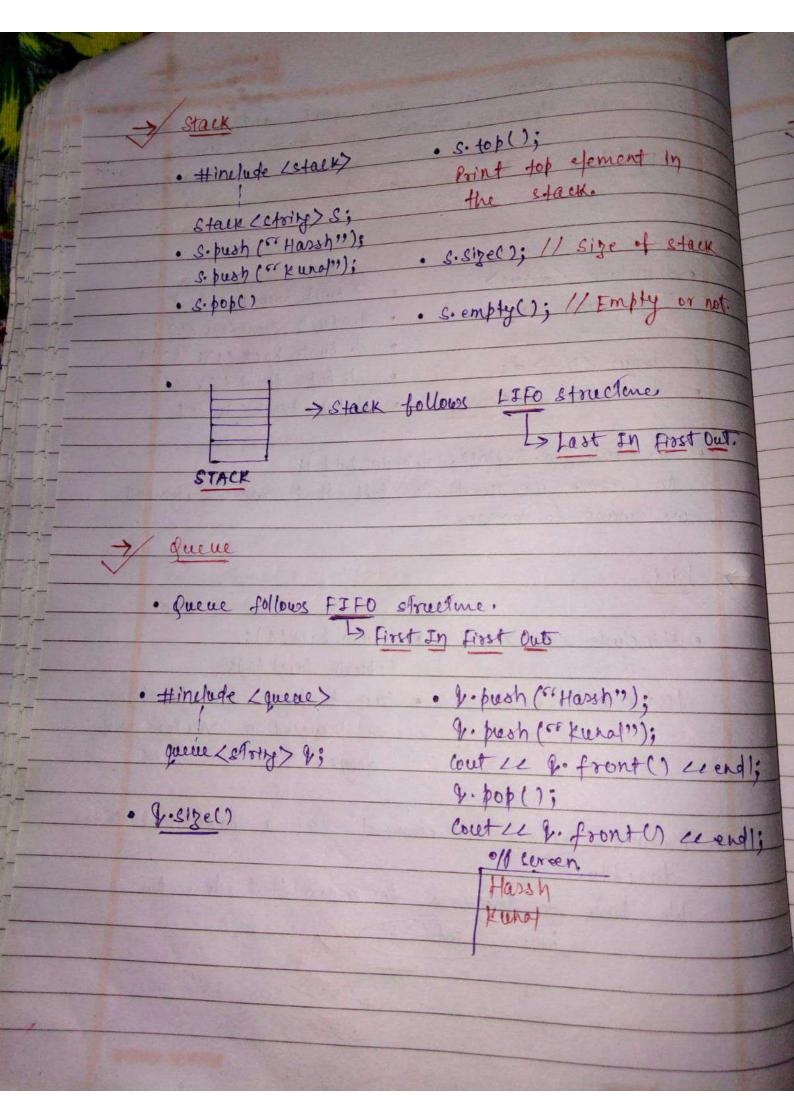


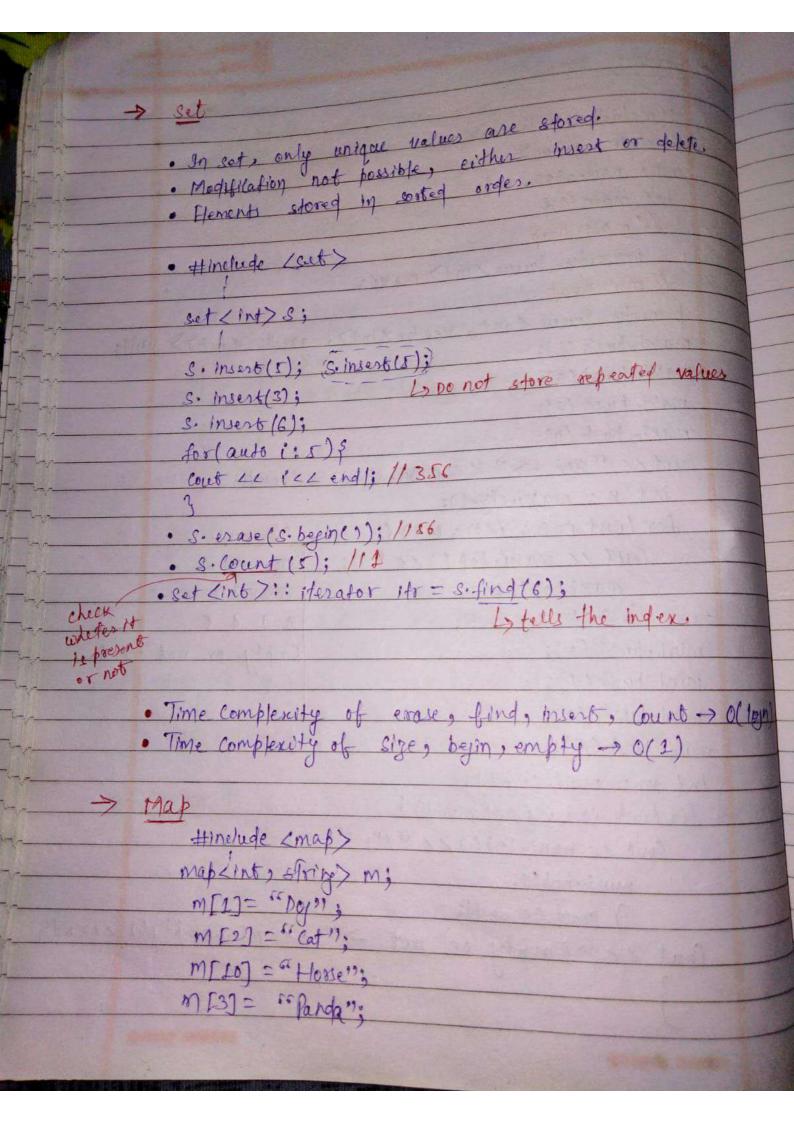
· Every-time when vector gets full and we need to add more elements, vector get double its size. · V·at(i); // To access eferment at a particular index. · #include / deque> · d. push_back(1); // 1 · d. push-front (2); 1/22 To include deque. · d. push - back (4); // 214 · deque <int>d; · d. pop - front (); 1/14 · d. clear () // clear all · d. pop - back (); // 1 · d. crase (d. bejin(), d. bejin()+1); In erase we need to tell that which element we want to exace. · #include /list> · l. push_back(1); l. push-front (2); 1 ret < int> 1; · can perfoon all functions we discussed in vector and deque. · cannot access an element at a pasticular index directly. We have to traverse to access that element. ier (l'at(i))

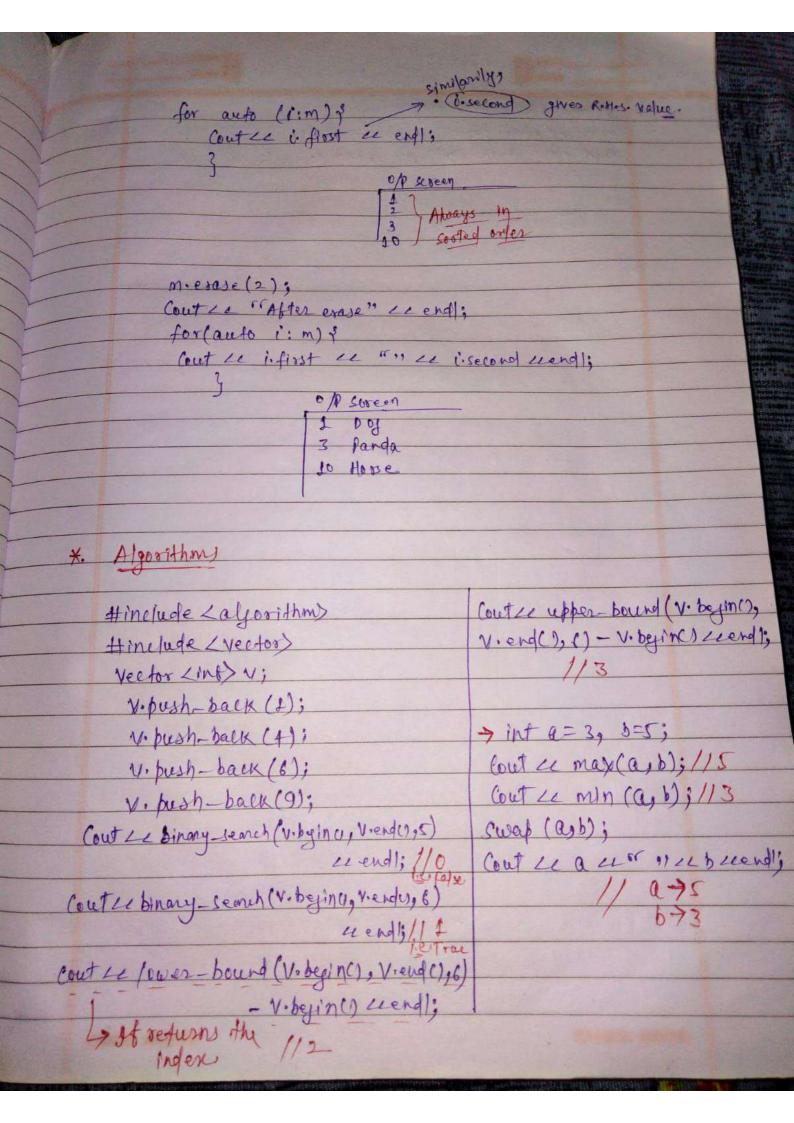
We carnot

weit



```
Priority queue
   # include < iostream)
   #include < queue>
   using namespace stop;
   int main () f
    // max head
    priority- fucue /int> maxi;
   11 min heap
  priority-fucue (int, vector (int), greater (int) mini;
  maxi. bush (4);
  maxi. push (3);
  maxi. push (2);
  mari. push (0);
 louter "size >" < 1 maxi. size() er endi;
    int n = maxissize();
  for (unt i=0; i2n; e++) }
(out 10 maxi. top () 20
                                        Offsween.
                                       Size > 4
      maxi-pop();
                                       3210
      3 Cout 22 end;
mini. bush (5);
                                       Empty or not > 1
 mini bush (1);
mini push (0);
moni- presh (4);
Int m = mini. size ();
for (int 1=0; 1<m; 1+1)}
    Cout ce mini. top () ce "";
      mini · pop ();
       ) cout ce end 1;
Cout Le "Empty or not >" << mini-empty() evendly
```





reverse (abed = "abed";

reverse (abed begins), abed ends);

Cout < c " string >" < c abed < ends; //deba